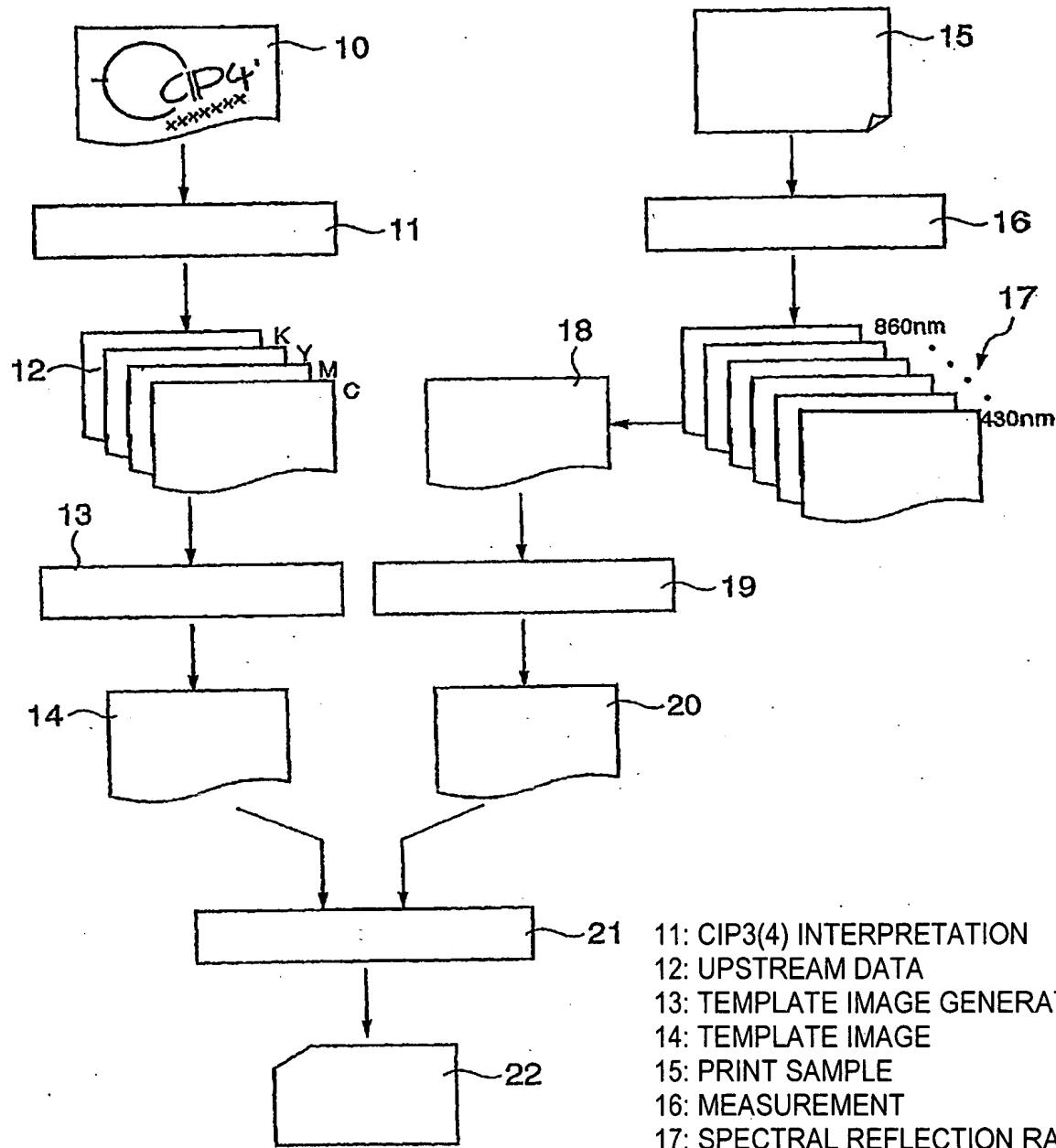
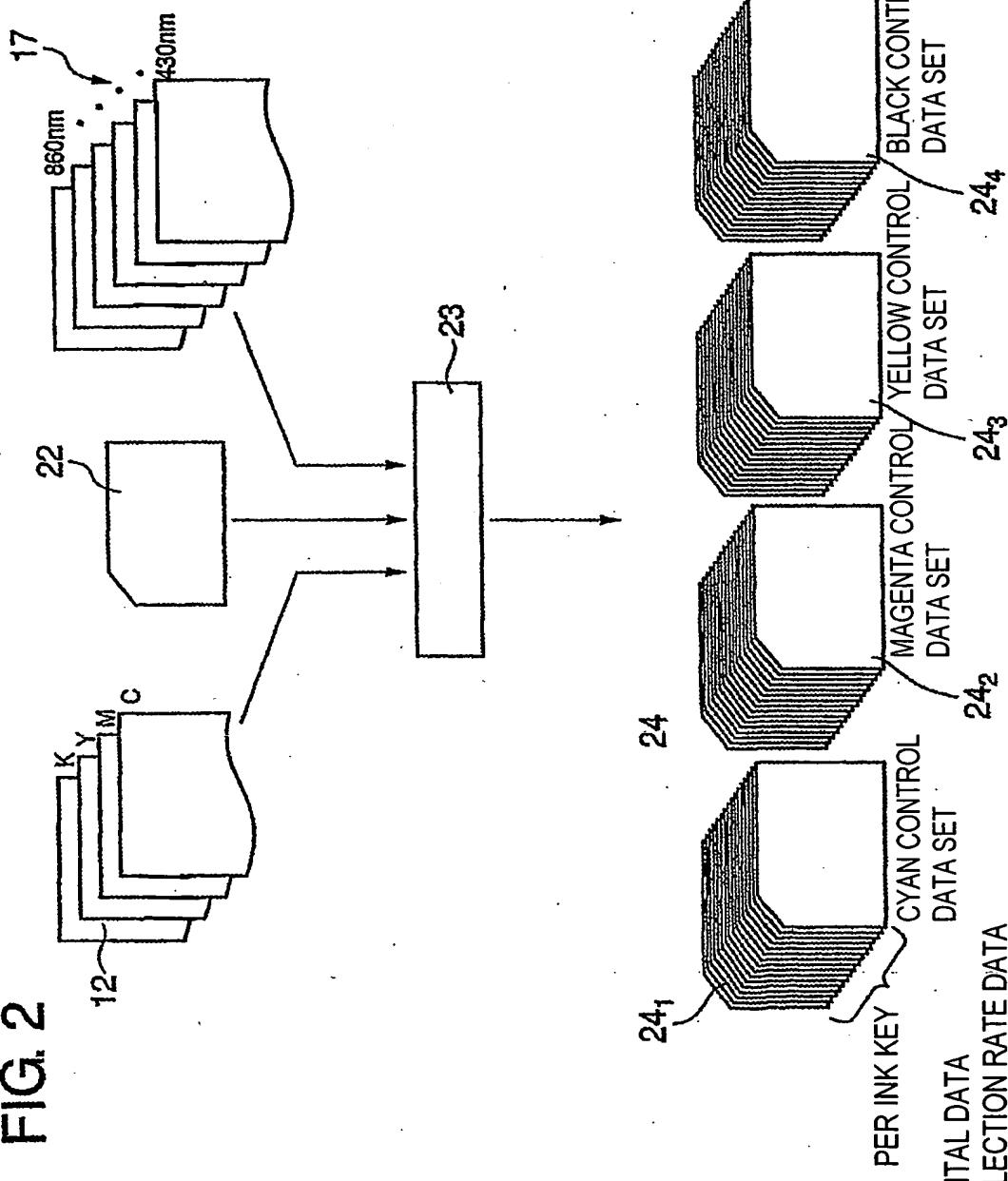


FIG. 1



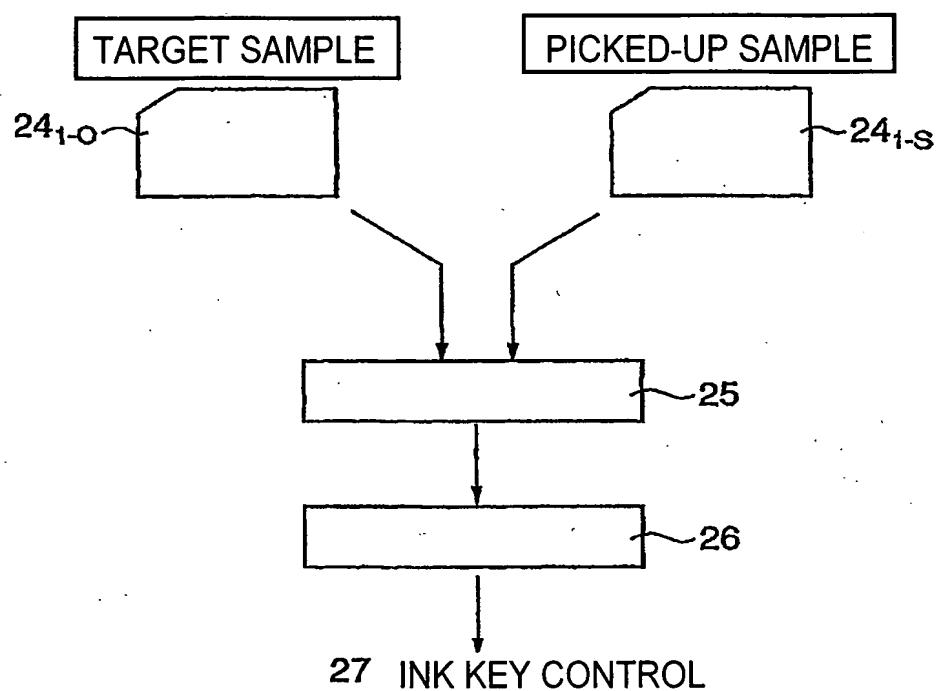
- 11: CIP3(4) INTERPRETATION
- 12: UPSTREAM DATA
- 13: TEMPLATE IMAGE GENERATION
- 14: TEMPLATE IMAGE
- 15: PRINT SAMPLE
- 16: MEASUREMENT
- 17: SPECTRAL REFLECTION RATE EXTRACTION DATA
- 18: SINGLE WAVELENGTH EXTRACTION DATA
- 19: RESOLUTION TRANSFORMATION
- 20: MATCHING IMAGE
- 21: TEMPLATE MATCHING
- 22: COORDINATES TRANSFORM INFORMATION

**FIG. 2**



12: UPSTREAM DIGITAL DATA  
17: SPECTRAL REFLECTION RATE DATA  
22: COORDINATES TRANSFORM INFORMATION  
23: SELECTIVE INTEGRAL AND AVERAGING  
24: DATA SET GENERATION PER INK KEY AND PER COLOR  
24<sub>1</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE  
24<sub>2</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE  
24<sub>3</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE  
24<sub>4</sub>: CMYK AREA RATE & SPECTRAL REFLECTION RATE

FIG. 3

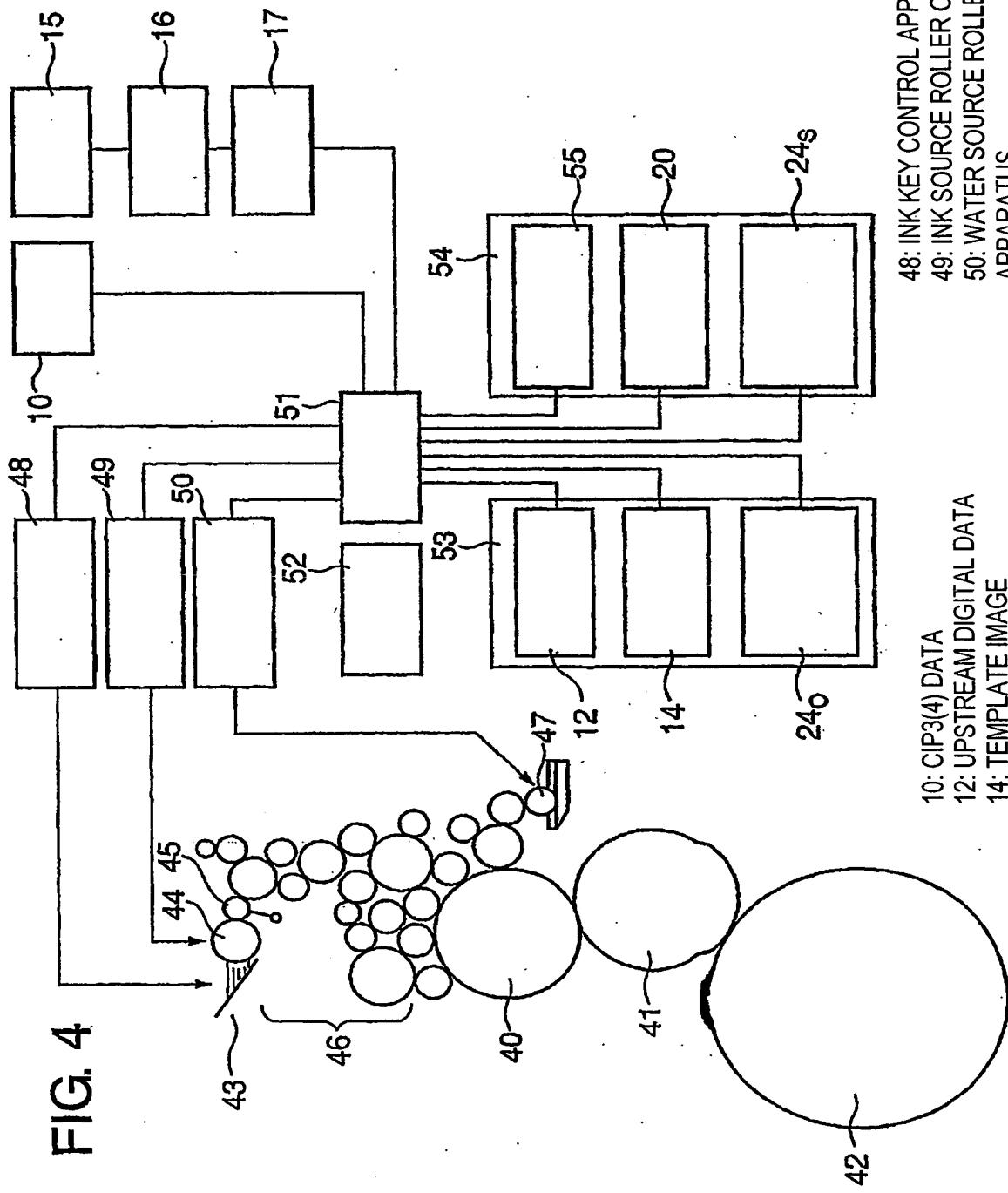


24<sub>1</sub>-0: CMYK AREA RATE & SPECTRAL REFLECTION RATE

24<sub>1</sub>-S: CMYK AREA RATE & SPECTRAL REFLECTION RATE

25: INK CONTENT CALCULATION

26: CONTROL QUANTITY CALCULATION



- 10: CIP3(4) DATA
- 12: UPSTREAM DIGITAL DATA
- 14: TEMPLATE IMAGE
- 15: PRINT SAMPLE
- 16: MEASUREMENT APPARATUS
- 17: SPECTRAL REFLECTION DATA
- 20: MATCHING IMAGE
- 24 : TARGET AREA RATE & SPECTRAL REFLECTION RATE DATA SET
- 24 : SAMPLE AREA RATE & SPECTRAL REFLECTION RATE DATA SET
- 48: INK KEY CONTROL APPARATUS
- 49: INK SOURCE ROLLER CONTROL APPARATUS
- 50: WATER SOURCE ROLLER CONTROL APPARATUS
- 51: CONTROL APPARATUS
- 52: CALCULATION UNIT
- 55: UPSTREAM DIGITAL DATA